

Converting Colors

CIELCh(60, 74.413, 302.516)

Have a look what the booklet for
CIELCh(60, 74.413, 302.516)
contains.

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Color

CIELCh(60, 73.989, 302.528)

Conversions

Conversions Part 1

Format	Color
Hex	957CFF
RGB	149, 124, 255
RGB Percent	58%, 49%, 100%
CMY	0.4176, 0.5120, 0.0000
CMYK	0.42, 0.51, 0.00, 0.00
HSL	251°, 100%, 74%
HSV	251°, 51%, 100%
XYZ	37.7001, 28.1233, 98.4810
YIQ	146.4090, -27.1510, 46.0410

Conversions

Conversions Part 2

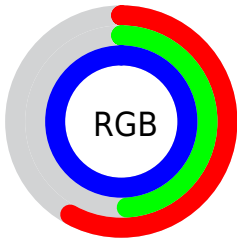
Format	Color
R _Y B	149, 124, 255
Decimal	9796863
CIE Lab	60.00, 39.78, -62.38
CIE LCh	60, 73.989, 302.528
Yxy	28.1233, 0.2295, 0.1712
Android (android.graphics.Color)	4287986943 (0xFF957CFF)
YUV	146.4090, 53.5354, 2.2723
Hunter-Lab	53.0314, 34.0909, -72.9813

Details

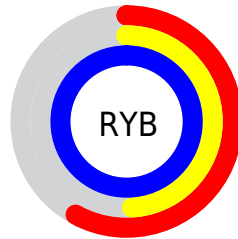
The CIELCh color $60, 73.989, 302.528$ is a light color, and the websafe version is hex $9966FF$. A complement of this color would be $96, 64.567, 113.869$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $77, 43.263, 307.172$, and $40, 73.974, 302.878$ is the 20% darker color. If you saturate the color by 10%, you get $53, 89.247, 303.874$, and if you desaturate by 10%, it is $68, 58.314, 301.267$.

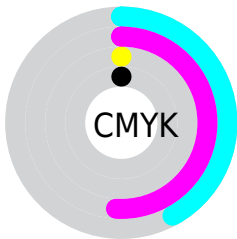
Distribution



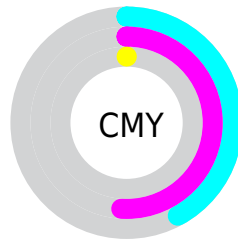
- Red (58%)
- Green (49%)
- Blue (100%)



- Red (58%)
- Yellow (49%)
- Blue (100%)



- Cyan (42%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)





- Cyan (42%)
- Magenta (51%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 73.989, 302.528 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 60, 73.989, 302.528 by changing the saturation by 10% instead.

 60, 73.989,
302.528


 60, 73.989,
302.528


 100, 73.989,
302.528


 50, 73.989,
302.528


 80, 73.989,
302.528

 40, 73.989,
302.528

 90, 73.989,
302.528

 30, 73.989,
302.528

 20, 73.989,
302.528

 10, 73.989,
302.528

 0, 73.989, 302.528

 60, 73.989,

 60, 73.989,

302.528

■ 53, 89.247,
303.874

■ 46, 104.262,
305.180

■ 40, 117.546,
306.270

■ 36, 127.342,
306.901

■ 34, 132.292,
307.010

302.528

■ 68, 58.314,
301.267

■ 75, 43.329,
300.121

■ 83, 28.870,
299.109

■ 91, 14.958,
298.229

■ 99, 1.578, 297.467

■ 100, 0.012,
296.813

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



60, 73.989, 302.528



96, 64.567, 113.869

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60, 73.989, 302.528



60, 73.989, 352.528



60, 73.989, 122.528



60, 73.989, 172.528

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



60, 73.716, 302.534



88, 20.185, 298.549



86, 32.346, 220.669



45, 13.828, 298.734



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60, 73.716, 302.534



53, 88.944, 303.847



67, 75.777, 317.354



49, 7.571, 298.093



24, 106.385, 307.115



4, 44.527, 305.245

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



71, 70.089, 333.365



66, 80.956, 334.072



92, 72.796, 132.618



50, 7.971, 330.547



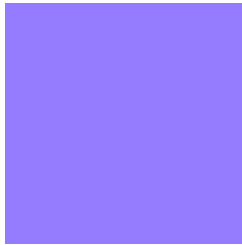
44, 80.622, 337.241



11, 37.720, 335.960

Previews

White Background



This preview shows how the CIELCh color 60, 73.989, 302.528 looks on a white background.

Color Contrast Check

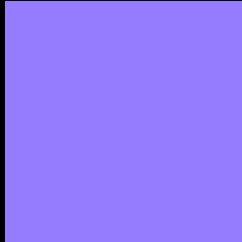
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 60, 73.989, 302.528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

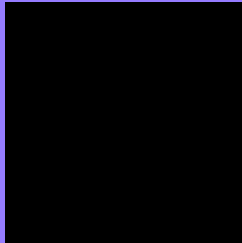
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 73.989, 302.528

Background



This preview shows how black text looks on a background with the CIELCh color 60, 73.989, 302.528.



This preview shows how white text looks on a background with the CIELCh color 60, 73.989, 302.528.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

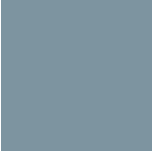
Dichromacy



Original Color
60, 73.993, 302.735

Protanopia
60, 64.486, 286.443

Deuteranopia
60, 59.941, 279.025



Tritanopia
60, 10.509, 239.192

Trichromacy



Original Color
60, 73.993, 302.735

Protanomaly
60, 67.552, 292.226

Deuteranomaly
59, 64.566, 287.459

Tritanomaly
59, 31.713, 290.742

Monochromacy



Original Color
60, 73.993, 302.735

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 26.838, 299.705

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 73.989, 302.528 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(149, 124, 255)` looks like.

```
.text, #text, p{  
    color:rgb(149, 124, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(149, 124, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 124, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 73.989, 302.528 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(149, 124, 255) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(149, 124, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(149, 124, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 124, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 124, 255);  
box-shadow:4px 4px 4px 4px rgb(149, 124,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 73.989, 302.528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 124, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(149,  
124, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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